



# Arizona Department of Transportation

## ROADWAY ENGINEERING GROUP

### MEMORANDUM

**To:** Roadway Design Personnel  
ADOT and Consultants

**Date:** June 27, 2002

**From:** John L. Louis  
Assistant State Engineer  
Roadway Engineering Group

**Subject:** Barrier Summary Sheets  
Guard Rail End Treatments

The Barrier Summary Sheet has been revised in the category of selection of guard rail end treatments. The selection of the guard rail end treatment now requires that the designer designate specifically which end treatments are selected for each location. Previously, the designer only selected whether the end treatment was a tangent type or flared type terminal. The change will assure that adequate consideration be given to selection at each location based upon site conditions. The new summary sheets are to be implemented when practicable on all projects that have not yet been advertised for bid. The new summary sheets are available on the Roadway Engineering Group Design website and supercede the previous versions.

As a normal practice, it is desired that two end treatment options be selected to promote competition in bidding. Based upon end treatment crash characteristics and given site conditions, a single end treatment may be selected by the designer as the only appropriate option.

Please distribute this memo to all design personnel and project managers in your respective areas.

JLL/THO

C:

Roadway Engineering Group  
Traffic Group  
Valley Freeway Group  
Statewide Project Management Group  
Districts (10)  
FHWA  
Bridge Group

Regional Traffic Engineers ( 4 )  
Construction Group  
Local Government Section  
Engineering Consultant Services  
Central Maintenance Group  
District Permits (9)  
Contracts and Specifications Section

